

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 10/756,797

Filing Date January 13, 2004

First Named Inventor Michael D.G. STEIGERWALD

Art Unit 2881

Examiner Name ~~To be assigned~~ **VANORE**

Attorney Docket Number FRM-04201

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>W</i>	AA	US-2002/0011565 A1	01-31-2002	Volker Drexel, et al.	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² Number ³ Kind Code ⁵ (if known)				
<i>W</i>	AJ	EP 0 721 201 A1	07-10-1996	EPO		
	AK	EP 0 689 063 A2	12-27-1995	EPO		
	AL	JP 08-273569	10-18-1996	Japan		English Abstract
<i>W</i>	AM	JP 08-124513	05-17-1996	Japan		English Abstract
	AN					
	AO					<input type="checkbox"/>

Examiner Signature <i>[Signature]</i>	Date Considered 12/17/05
---------------------------------------	--------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/756,797
				Filing Date	January 13, 2004
				First Named Inventor	Michael D.G. STEIGERWALD
				Art Unit	2881
Examiner Name	To be assigned VANOAB				
Sheet	2	of	2	Attorney Docket Number	FRM-04201

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>NAV</i>	AR	HEINER JAKSCH; "FIELD EMISSION SEM for true surface imaging and analysis"; reprinted from Materials World, October 1996, (3 pages).	<input type="checkbox"/>
<i>AV</i>	AS	Supplemented Abstract for EP 0 917 178 A1 (Reference AK), included with IDS filed on August 6, 2004.	<input type="checkbox"/>
	AT		<input type="checkbox"/>
	AU		<input type="checkbox"/>
	AV		<input type="checkbox"/>
	AW		<input type="checkbox"/>
	AX		<input type="checkbox"/>
	AY		<input type="checkbox"/>
	AZ		<input type="checkbox"/>
	BA		<input type="checkbox"/>
	BB		<input type="checkbox"/>
	BC		<input type="checkbox"/>

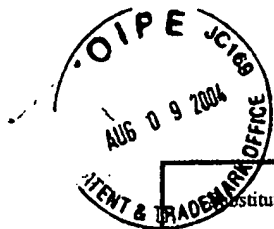
Examiner Signature	<i>[Signature]</i>	Date Considered	12/17/05
--------------------	--------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/756,797
				Filing Date	January 13, 2004
				First Named Inventor	Michael D.G. STEIGERWALD
				Art Unit	2881
(Use as many sheets as necessary)				Examiner Name	To be assigned VANDRE
Sheet	1	of	1	Attorney Docket Number	FRM-04201

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
L	AA	US-5,900,629	05-04-1999	Hideo Todokoro, et al.	
	AB	US-5,483,065	01-09-1996	Masao Sato, et al.	
	AC	US-2002/0185599	12-12-2002	Kouji Kimura, et al.	
	AD	US-5,644,132	07-01-1997	Alon Litman, et al.	
	AE	US-5,872,358	02-16-1999	Hideo Todokoro, et al.	
	AF	US-5,422,486	06-06-1995	Karl H. Herrmann, et al.	
	AG	US-5,510,617	04-23-1996	Kars Z. Troost, et al.	
	AH	US-			
	AI	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
M	AJ	DE 198 28 476 A1	12-30-1999	Germany		English Abstract
	AK	EP 0 917 178 A1	05-19-1999	EPO		English Abstract
	AL	EP 0 917 177 A1	05-19-1999	EPO		English Abstract
	AM	DE 100 12 314 A1	09-20-2001	Germany		English Abstract
	AN	0 661 727 A2	07-05-1995	EPO		<input type="checkbox"/>
	AO	EP 1 063 677 A1	12-27-2000	EPO		<input type="checkbox"/>

Examiner Signature		Date Considered	12/17/05.
--------------------	--	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.